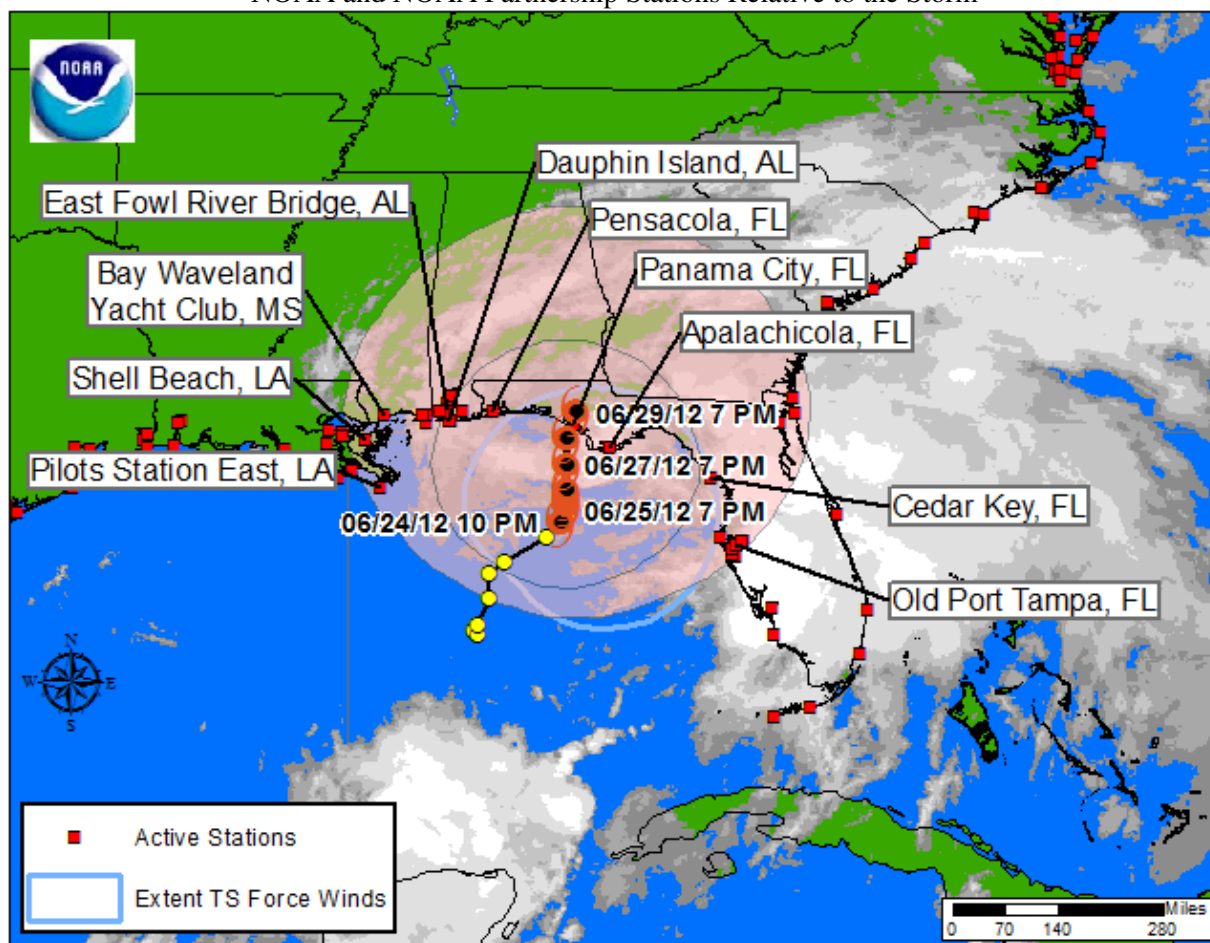


Tropical Storm DEBBY QuickLook
Posted: 23:00 CDT 06/24/2012



NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/24/2012 23:00 CDT, water levels along the Gulf Coast from western Florida to southeastern Louisiana are elevated and range from 1.3 to 3.8 feet above tidal predictions.

Winds are increasing across the Florida Panhandle and range between 20 and 30 knots with gusts up to 35 knots recorded at Apalachicola, FL. Winds from Alabama to southeastern Louisiana generally range between 15 and 25 knots with some gusts up to 30 knots.

Barometric pressure continues to fall along the Florida Panhandle and to the west.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Tropical Storm DEBBY QuickLook, POSTED 23:00 CDT 06/24/2012

Old Port Tampa, FL: Next predicted high tides are 2.0 ft (0.61 m) at 06/25/2012 07:53 EDT and 2.2 ft (0.67 m) at 06/25/2012 19:07 EDT.

Cedar Key, FL: Next predicted high tides are 3.6 ft (1.11 m) at 06/25/2012 06:31 EDT and 3.5 ft (1.08 m) at 06/25/2012 18:21 EDT.

Apalachicola, FL: Next predicted high tides are 1.6 ft (0.47 m) at 06/25/2012 09:07 EDT and 1.2 ft (0.38 m) at 06/25/2012 20:26 EDT.

Panama City, FL: Next predicted high tides are 1.0 ft (0.31 m) at 06/25/2012 13:47 CDT and 0.9 ft (0.29 m) at 06/26/2012 06:22 CDT.

Pensacola, FL: Next predicted high tides are 0.9 ft (0.28 m) at 06/25/2012 14:11 CDT and 0.9 ft (0.27 m) at 06/26/2012 07:35 CDT.

Dauphin Island, AL: Next predicted high tides are 0.8 ft (0.25 m) at 06/25/2012 11:51 CDT and 0.8 ft (0.24 m) at 06/26/2012 08:13 CDT.

East Fowl River Bridge, AL: Next predicted high tides are 0.9 ft (0.27 m) at 06/25/2012 16:30 CDT and 0.9 ft (0.27 m) at 06/26/2012 07:56 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tides are 1.3 ft (0.40 m) at 06/25/2012 15:20 CDT and 1.2 ft (0.36 m) at 06/26/2012 09:03 CDT.

Shell Beach, LA: Next predicted high tides are 0.9 ft (0.27 m) at 06/25/2012 11:42 CDT and 0.9 ft (0.27 m) at 06/25/2012 18:01 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tides are 0.9 ft (0.27 m) at 06/25/2012 10:17 CDT and 0.8 ft (0.24 m) at 06/26/2012 06:35 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DEBBY ADVISORY NUMBER 7

1000 PM CDT SUN JUN 24 2012

...INTENSE SQUALLS MOVING ACROSS THE FLORIDA PENINSULA...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY...

NONE.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* THE MISSISSIPPI-ALABAMA BORDER EASTWARD TO THE SUWANNEE RIVER FLORIDA

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* SOUTH OF THE SUWANNEE RIVER TO ENGLEWOOD FLORIDA

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE LATER TODAY.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1000 PM CDT THE CENTER OF TROPICAL STORM DEBBY WAS LOCATED ABOUT 110 MI SSW OF APALACHICOLA FLORIDA OR ABOUT 200 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER. DEBBY HAS BEEN NEARLY STATIONARY DURING THE PAST SEVERAL HOURS. LITTLE MOVEMENT IS EXPECTED DURING THE NEXT COUPLE OF DAYS...BUT THIS FORECAST REMAINS UNCERTAIN DUE TO WEAK STEERING CURRENTS.

MAXIMUM SUSTAINED WINDS ARE NEAR 60 MPH WITH HIGHER GUSTS. SOME GRADUAL STRENGTHENING IS POSSIBLE DURING THE NEXT 48 HOURS.

TROPICAL-STORM-FORCE WINDS EXTEND OUTWARD UP TO 200 MILES MAINLY NORTH AND EAST OF THE CENTER. DURING THE PAST HOUR...A SUSTAINED WIND OF 43 MPH WITH A GUST TO 67 MPH WAS REPORTED AT VENICE FLORIDA.

THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE RESERVE RECONNAISSANCE AIRCRAFT WAS 991 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS WILL CONTINUE OVER PORTIONS OF THE NORTHEAST GULF COAST THROUGH MONDAY.

STORM SURGE...THE COMBINATION OF A STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND AT THE TIMES OF HIGH TIDE OVER THE NEXT FEW DAYS...

APALACHEE BAY TO WACCASASSA BAY...4 TO 6 FT
FLORIDA WEST COAST SOUTH OF WACCASASSA BAY...2 TO 4 FT
COASTAL ALABAMA EASTWARD TO APALACHEE BAY...2 TO 4 FT
SOUTHEASTERN LOUISIANA TO COASTAL MISSISSIPPI...1 TO 3 FT

THE DEEPEST WATER WILL OCCUR ALONG THE IMMEDIATE COAST IN AREAS OF ONSHORE FLOW. SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE

AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE OFFICE.

RAINFALL...DEBBY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 10 TO 15 INCHES OVER THE FLORIDA PANHANDLE AND NORTHERN FLORIDA...WITH ISOLATED MAXIMUM AMOUNTS OF 25 INCHES POSSIBLE. SURROUNDING THIS AREA...TOTAL RAIN ACCUMULATIONS OF 5 TO 10 INCHES ARE EXPECTED OVER CENTRAL FLORIDA AND SOUTHEAST GEORGIA...WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE. GIVEN THE RECENT HEAVY RAINFALL AND WET SOIL CONDITIONS...THESE ADDITIONAL AMOUNTS WILL EXACERBATE THE FLASH FLOOD THREAT ACROSS PORTIONS OF NORTHERN FLORIDA AND SOUTHERN ALABAMA.

TOTAL RAIN ACCUMULATIONS OF 2 TO 4 INCHES ARE EXPECTED OVER COASTAL ALABAMA...MISSISSIPPI...LOUISIANA AND SOUTH FLORIDA...WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE.

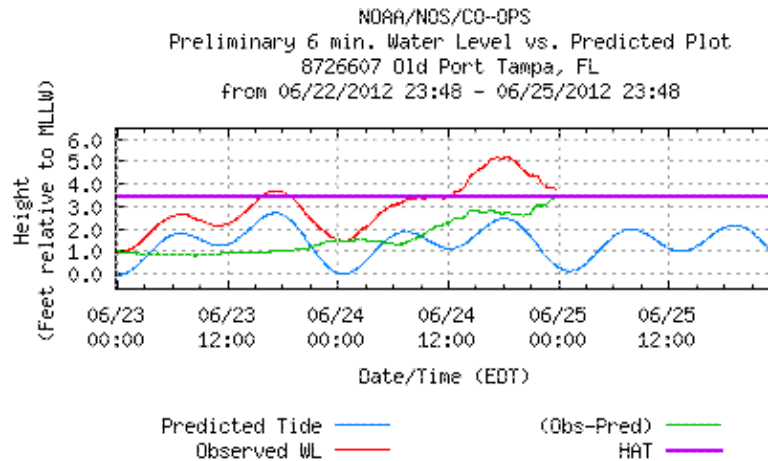
TORNADOES...A FEW TORNADOES ARE POSSIBLE TONIGHT AND MONDAY ACROSS THE EASTERN FLORIDA PANHANDLE...AND WESTERN AND CENTRAL PORTIONS OF THE FLORIDA PENINSULA.

FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [East Fowl River Bridge - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Pilots Station East, SW Pass - Air/Water Temp](#),

Old Port Tampa, FL - Return to List

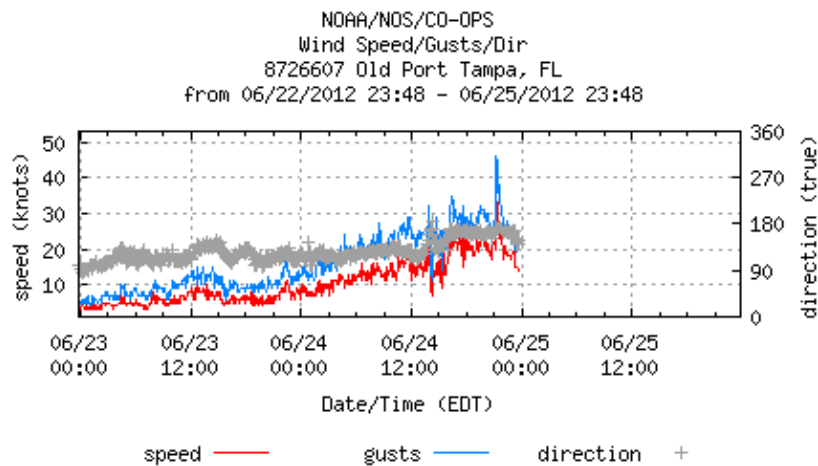


Last Observed Sample: 06/24/2012 23:42 (EDT)

Relative to MLLW: **Observed: 3.77 ft.** **Predicted: 0.36 ft.** **Residual: 3.41 ft.**

Historical Maximum Water Level: Oct 8 1996, 3.6 ft. above MHHW

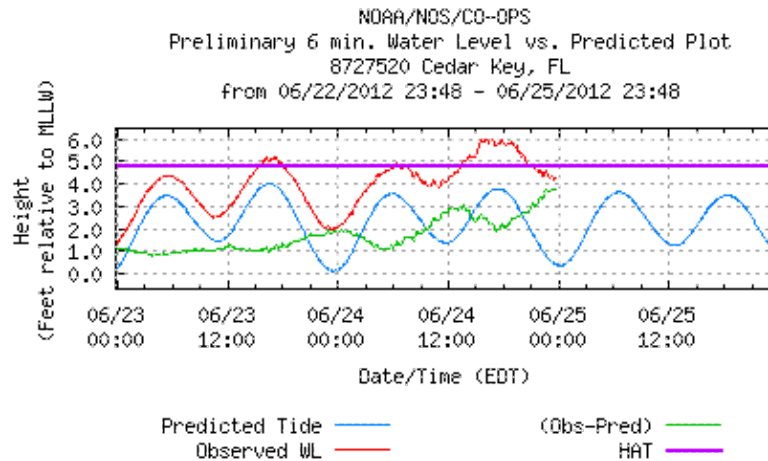
Old Port Tampa, FL - Return to List



Last Observed Sample: 06/24/2012 23:42 (EDT)

Wind Speed: 14 knots **Gusts: 21 knots** **Direction: 148° T**

Cedar Key, FL - Return to List

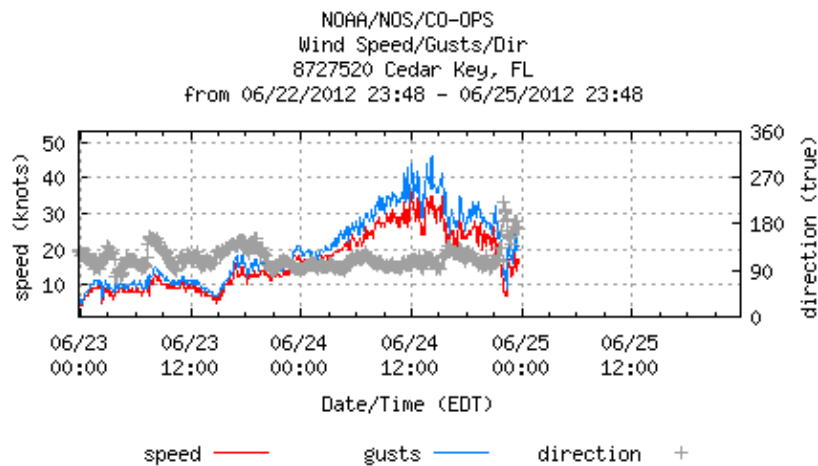


Last Observed Sample: 06/24/2012 23:36 (EDT)

Relative to MLLW: **Observed: 4.24 ft.** **Predicted: 0.44 ft.** **Residual: 3.80 ft.**

Historical Maximum Water Level: Oct 7 1996, 5.15 ft. above MHHW

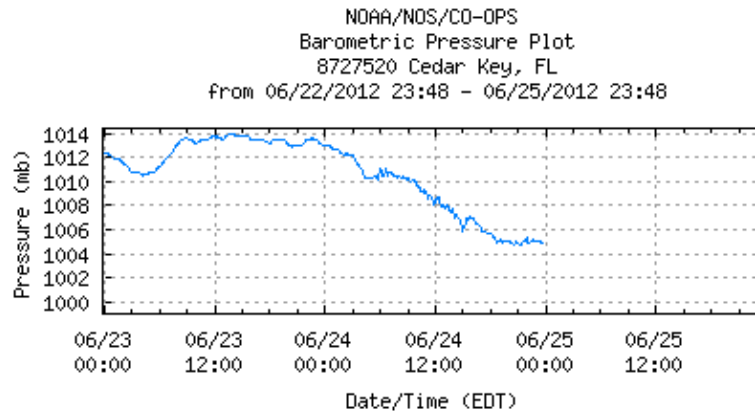
Cedar Key, FL - Return to List



Last Observed Sample: 06/24/2012 23:36 (EDT)

Wind Speed: 17 knots **Gusts: 21 knots** **Direction: 169° T**

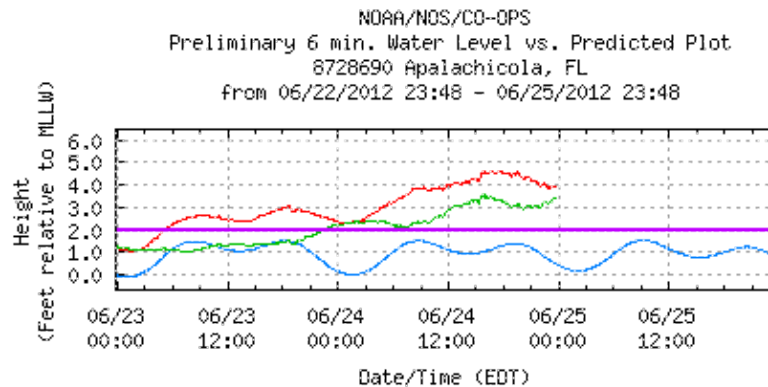
Cedar Key, FL - Return to List



Last Observed Sample: 06/24/2012 23:36 (EDT)

Barometric Pressure: 1004.8 mb

Apalachicola, FL - Return to List

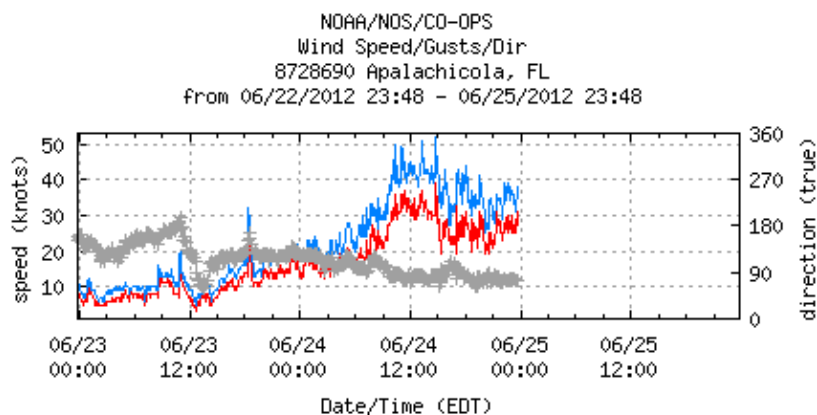


Last Observed Sample: 06/24/2012 23:42 (EDT)

Relative to MLLW: Observed: 3.94 ft. Predicted: 0.49 ft. Residual: 3.45 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft. above MHHW

[Apalachicola, FL](#) - [Return to List](#)

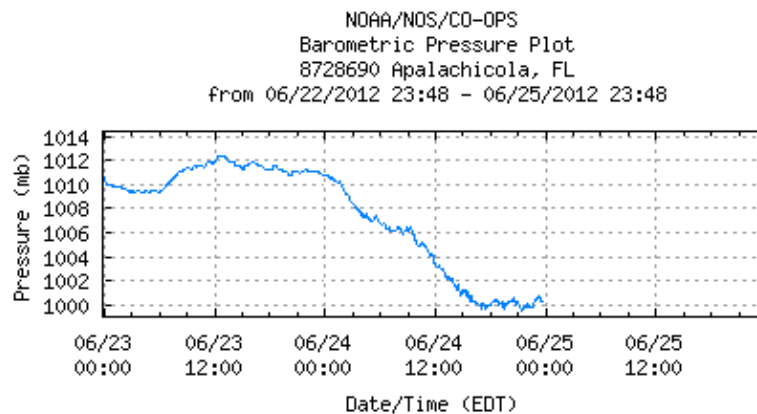


speed — gusts — direction +

Last Observed Sample: 06/24/2012 23:42 (EDT)

Wind Speed: 27 knots Gusts: 38 knots Direction: 74° T

[Apalachicola, FL](#) - [Return to List](#)

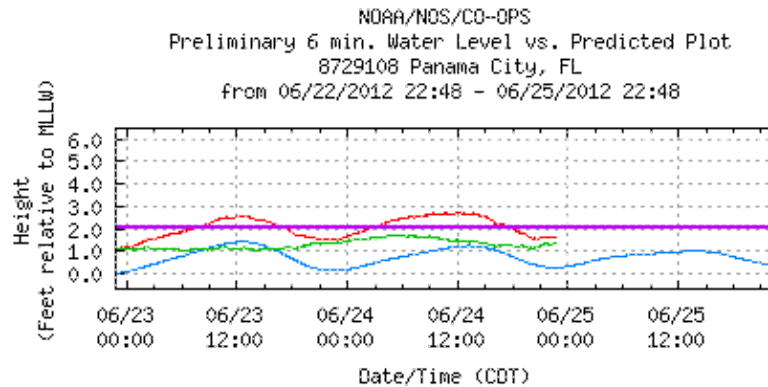


barometric pressure —

Last Observed Sample: 06/24/2012 23:42 (EDT)

Barometric Pressure: 1000.2 mb

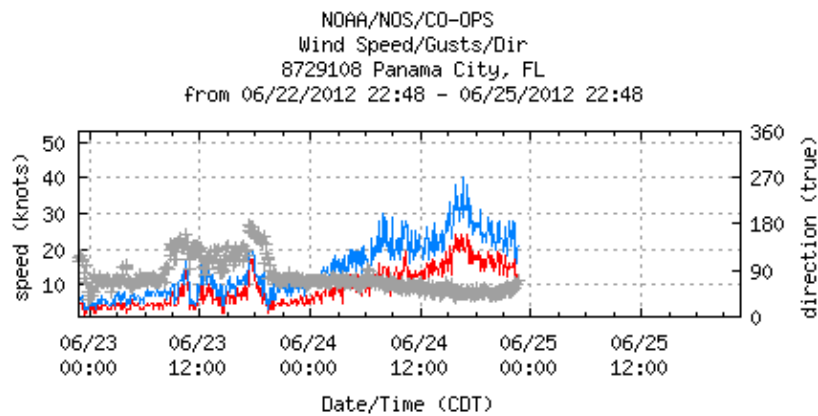
Panama City, FL - Return to List



Predicted Tide — (Obs-Pred) —
Observed WL — HAT —

Last Observed Sample: 06/24/2012 22:36 (CDT)
Relative to MLLW: **Observed: 1.64 ft.** **Predicted: 0.29 ft.** **Residual: 1.35 ft.**
Historical Maximum Water Level: Oct 4 1995, 5.72 ft. above MHHW

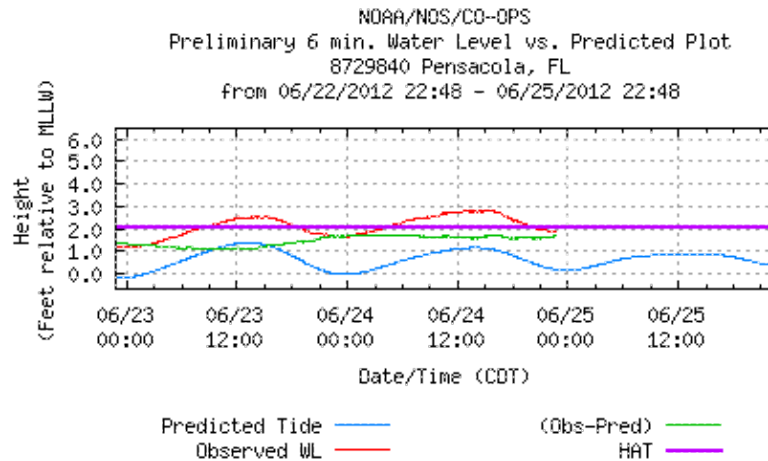
Panama City, FL - Return to List



speed — gusts — direction +

Last Observed Sample: 06/24/2012 22:36 (CDT)
Wind Speed: 9 knots **Gusts: 21 knots** **Direction: 70° T**

Pensacola, FL - Return to List

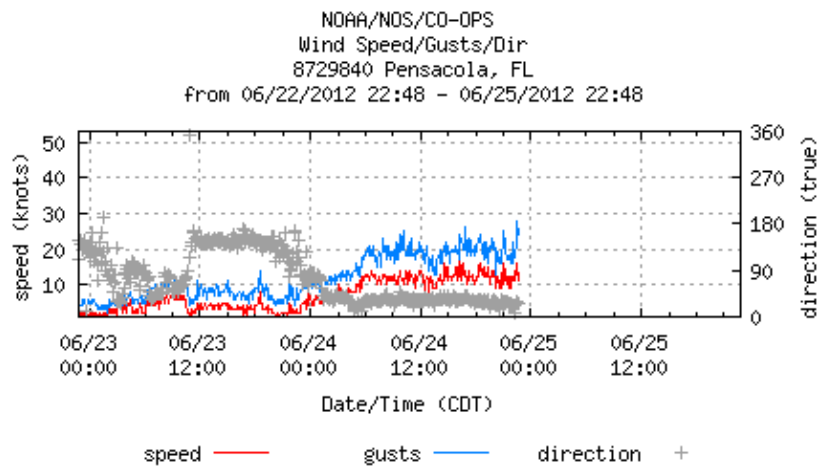


Last Observed Sample: 06/24/2012 22:36 (CDT)

Relative to MLLW: **Observed: 1.90 ft.** **Predicted: 0.20 ft.** **Residual: 1.70 ft.**

Historical Maximum Water Level: Sep 18 1926, 7.41 ft. above MHHW

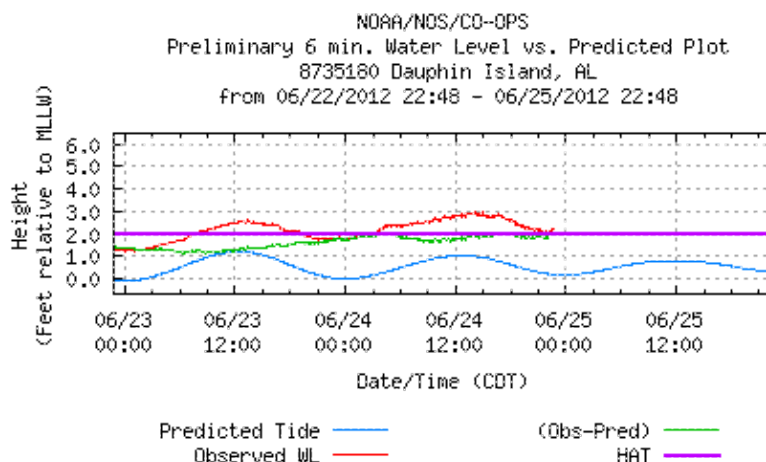
Pensacola, FL - Return to List



Last Observed Sample: 06/24/2012 22:36 (CDT)

Wind Speed: 11 knots **Gusts: 24 knots** **Direction: 26° T**

Dauphin Island, AL - Return to List

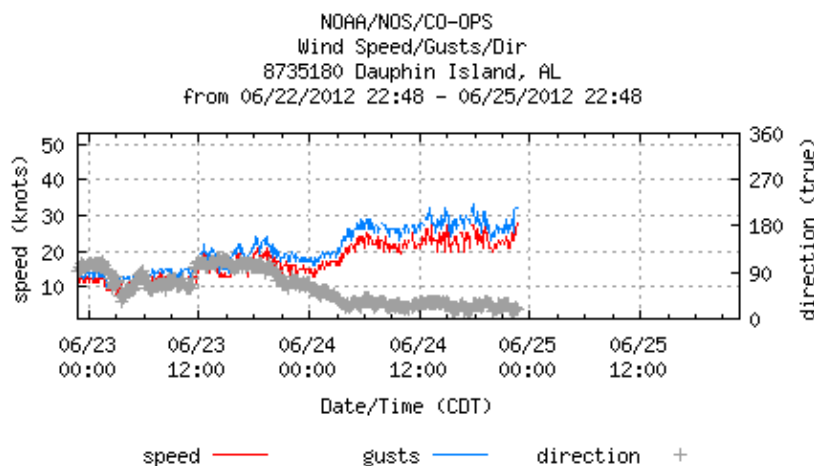


Last Observed Sample: 06/24/2012 22:36 (CDT)

Relative to MLLW: **Observed: 2.27 ft.** **Predicted: 0.20 ft.** **Residual: 2.07 ft.**

Historical Maximum Water Level: Sep 16 2004, 5.94 ft. above MHHW

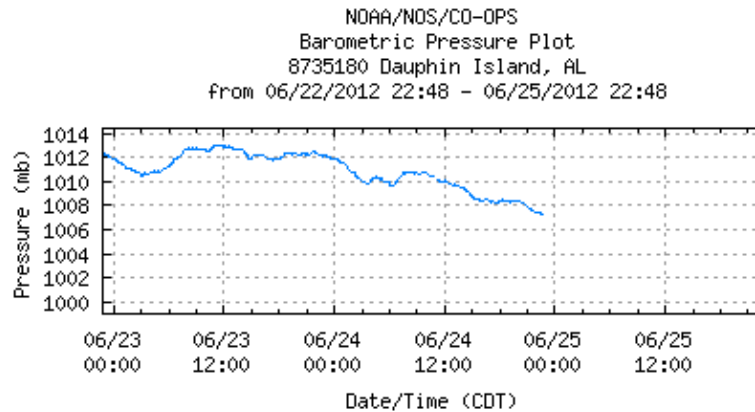
Dauphin Island, AL - Return to List



Last Observed Sample: 06/24/2012 22:36 (CDT)

Wind Speed: 28 knots **Gusts: 32 knots** **Direction: 17° T**

Dauphin Island, AL - Return to List

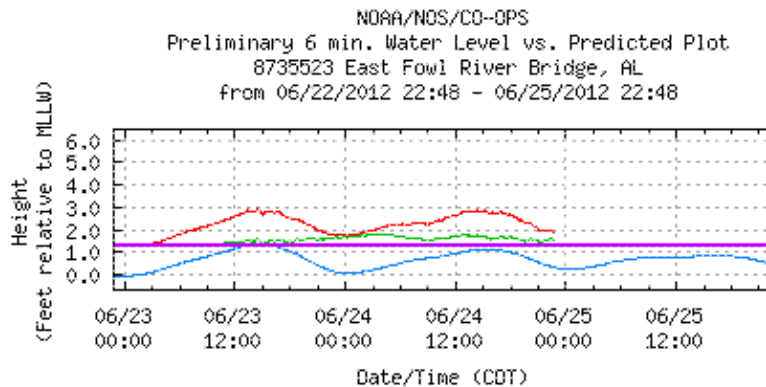


barometric pressure —

Last Observed Sample: 06/24/2012 22:36 (CDT)

Barometric Pressure: 1007.2 mb

East Fowl River Bridge, AL - Return to List



Predicted Tide —

Observed WL —

(Obs-Pred) —

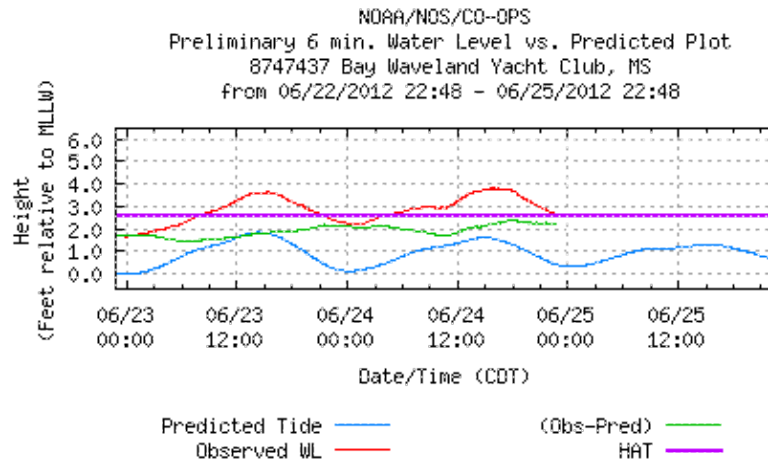
MHHW —

Last Observed Sample: 06/24/2012 22:42 (CDT)

Relative to MLLW: **Observed: 1.87 ft.** **Predicted: 0.34 ft.** **Residual: 1.53 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Bay Waveland Yacht Club, MS - Return to List

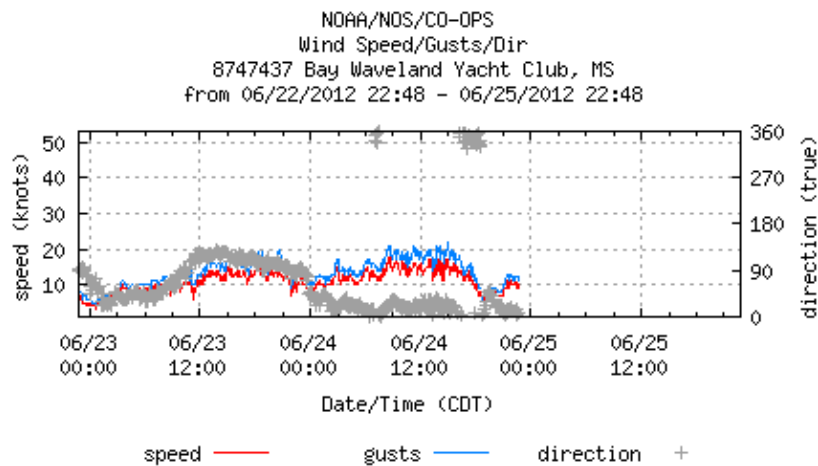


Last Observed Sample: 06/24/2012 22:42 (CDT)

Relative to MLLW: **Observed: 2.64 ft.** **Predicted: 0.43 ft.** **Residual: 2.21 ft.**

Historical Maximum Water Level: Sep 1 2008, 9.16 ft. above MHHW

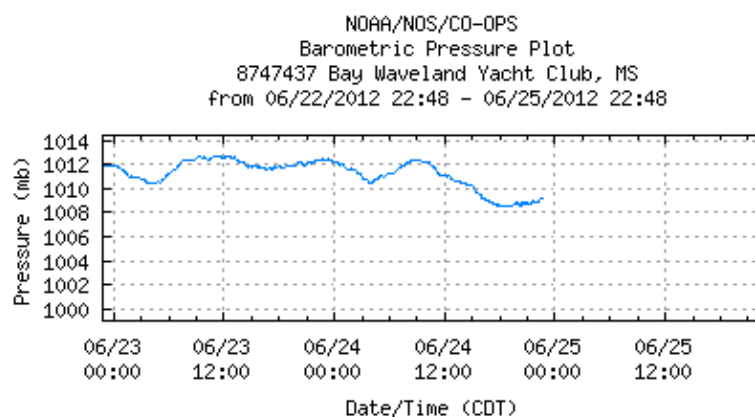
Bay Waveland Yacht Club, MS - Return to List



Last Observed Sample: 06/24/2012 22:42 (CDT)

Wind Speed: 9 knots **Gusts: 11 knots** **Direction: 8° T**

[Bay Waveland Yacht Club, MS - Return to List](#)

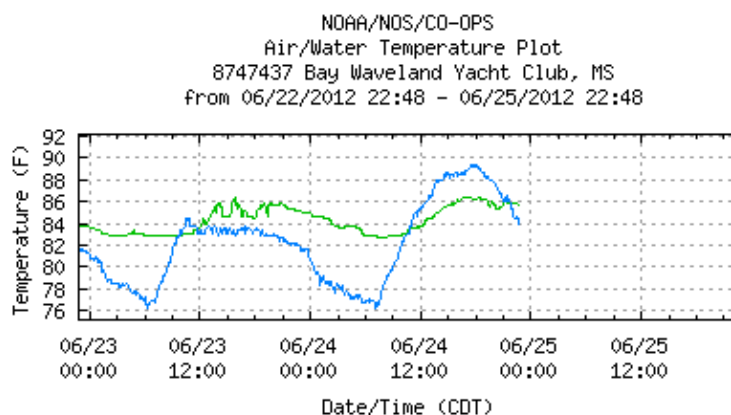


barometric pressure —

Last Observed Sample: 06/24/2012 22:42 (CDT)

Barometric Pressure: 1009.1 mb

[Bay Waveland Yacht Club, MS - Return to List](#)

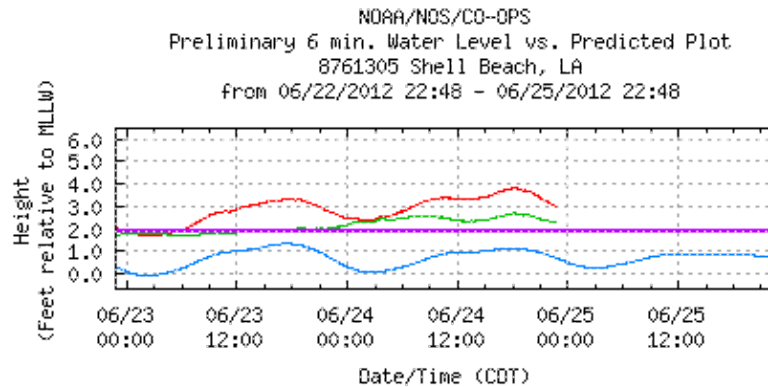


water temp. — air temp —

Last Observed Sample: 06/24/2012 22:42 (CDT)

Water Temperature: 85.6° F Air Temperature: 84.0° F

Shell Beach, LA - Return to List



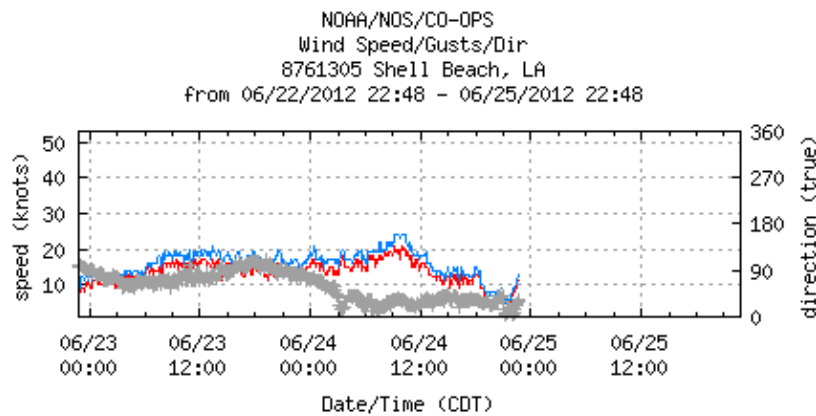
Predicted Tide — (Obs-Pred) —
Observed WL — HAT —

Last Observed Sample: 06/24/2012 22:42 (CDT)

Relative to MLLW: **Observed: 3.00 ft.** **Predicted: 0.71 ft.** **Residual: 2.29 ft.**

Historical Maximum Water Level: Sep 1 2008, 8.78 ft. above MHHW

Shell Beach, LA - Return to List

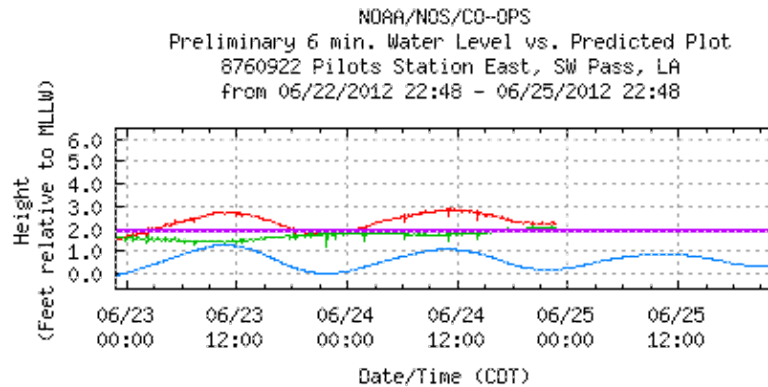


speed — gusts — direction +

Last Observed Sample: 06/24/2012 22:42 (CDT)

Wind Speed: 11 knots **Gusts: 13 knots** **Direction: 35° T**

Pilots Station East, SW Pass, LA - Return to List

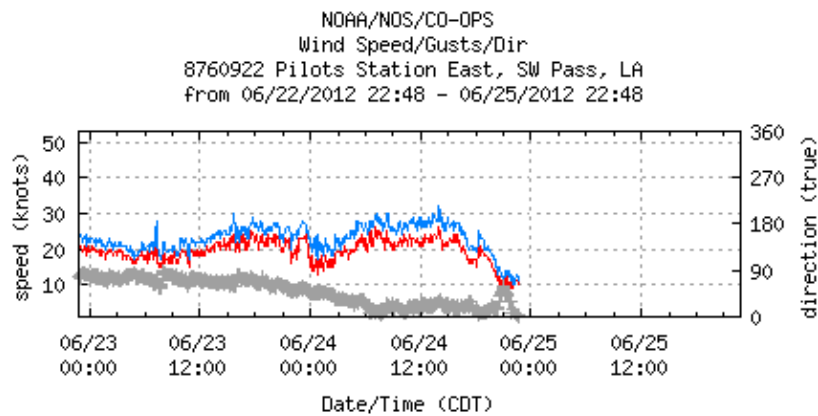


Last Observed Sample: 06/24/2012 22:42 (CDT)

Relative to MLLW: **Observed: 2.27 ft.** **Predicted: 0.20 ft.** **Residual: 2.07 ft.**

Historical Maximum Water Level: Aug 29 2005, 6.22 ft. above MHHW

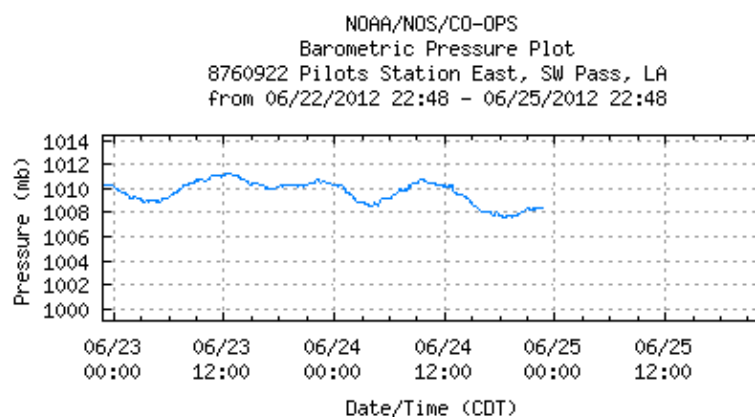
Pilots Station East, SW Pass, LA - Return to List



Last Observed Sample: 06/24/2012 22:42 (CDT)

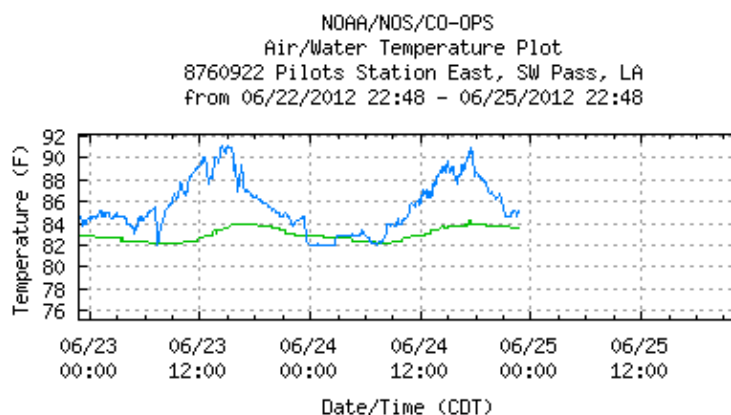
Wind Speed: 10 knots **Gusts: 11 knots** **Direction: 2° T**

[Pilots Station East, SW Pass, LA - Return to List](#)



Last Observed Sample: 06/24/2012 22:42 (CDT)
Barometric Pressure: 1008.3 mb

[Pilots Station East, SW Pass, LA - Return to List](#)



Last Observed Sample: 06/24/2012 22:42 (CDT)
Water Temperature: 83.5° F Air Temperature: 85.1° F

Tropical Storm DEBBY QuickLook, POSTED 23:00 CDT 06/24/2012

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce